

Amendments to the Abstract:

Please cancel the current Abstract and add the following new Abstract:

-- Ultrathin hot rolled steel strips are obtained from thin slabs using a continuous casting process and production line. The process and production line includes a secondary cooling system, a roughing mill, an induction heating zone to fix temperatures of the intermediate strip chosen between 1000 and 1400 °C, a final rolling zone to reduce the thickness of the hot finished strip while keeping a controlled temperature of the hot rolled strip from the last stand of the finishing rolling mill higher than 750 °C. The strip is cooled between the last stand of the finishing rolling mill and the coiling station using a specific T.T.T diagram (time-temperature-transformation) for steel quality and strip thickness. A control system is also provided with a master system and six further peripheric sub-systems. --